

F.g. 1

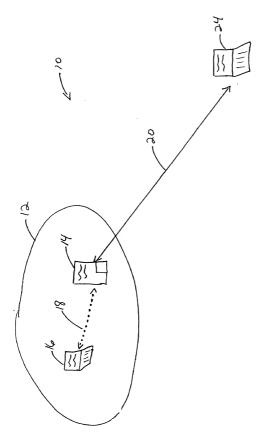
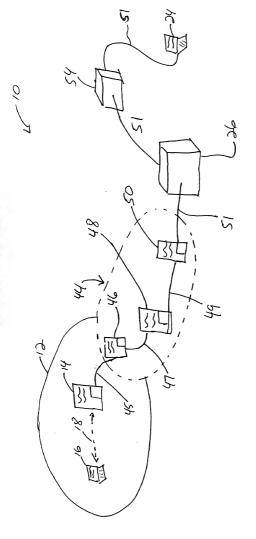


Fig. 2

100

- 101 ESTABLISH A NEW IP ADDRESS FOR THE NEW CLIENT LOCATION 102 SEND A REGISTRATION MESSAGE TO RELAY SERVER IDENTIFYING THE NEW IP ADDRESS LOCATION AUTHENTICATE REGISTRATION MESSAGE AT RELAY SERVER ENCAPSULATE AND TRANSMITTING REGISTRATION MESSAGE TO HOME SERVER REGISTER THE NEW IP ADDRESS AS A CARE-OF ADDRESS FOR CLIENT AT HOME SERVER CONFIRM THE REGISTRATION OF NEW IP ADDRESS -106 WITH CLIENT ESTABLISH A SECURITY ASSOCIATION BETWEEN _ 107 HOME SERVER AND RELAY SERVER ON BEHALF OF CLIENT PERFORM NETWORK ADDRESS TRANSLATION -108 TUNNEL PACKETS ADDRESSED FOR CLIENT BETWEEN //09 HOME SERVER AND RELAY SERVER DECAPSULATING PACKETS AND FORWARDING ___// \cap \ PACKETS TO CLIENT

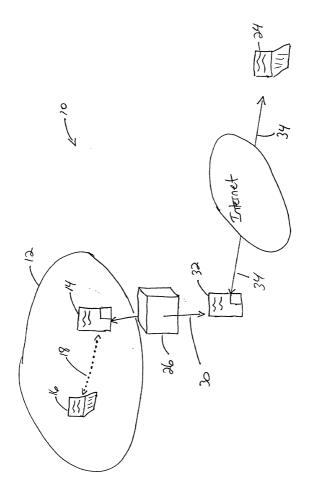
Fig. 3



Gravall Trosucial via ATTP Tunell

£3.4

OOI —GENERATING A FIRST MESSAGE IN HTTP REQUEST- FORMAT
1
V
202 — TRANSMITTING SAID FIRST MESSAGE IN HTTP
REQUEST-FORMAT THROUGH SAID FIREWALL
J
PROCESSING SAID FIRST MESSAGE VIA A
MULTIPLEXER SUBSYSTEM WHEREIN SAID FIRST
MESSAGE IS ENCAPSULATED IN UDP PACKETS AND
FORWARDED TO ITS INTENDED RECIPIENT
` \ .
204
GENERATING A SECOND MESSAGE IN RESPONSE TO
SAID FIRST MESSAGE, WHEREIN SAID SECOND
MESSAGE IS ENCAPSULATED IN UDP PACKETS
\bigvee
TRANSLATING SAID SECOND MESSAGE INTO HTTP
RESPONSE-FORMAT
λ.
21/
$\partial \mathcal{U}_{\mathcal{L}}$ — Transmitting said second message to its
INTENDED RECIPIENT.



F.g. 6

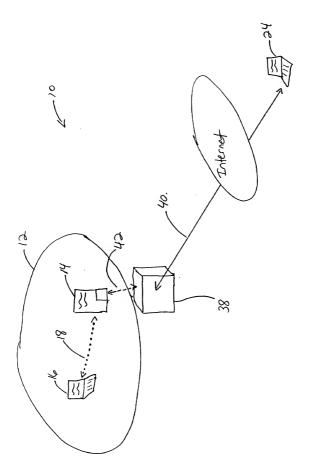


Fig. 7